

# School News & Notes

## Insects Get Good Grades In Science Classrooms

(NAPSA)—Recent studies have shown that American children lag behind other countries in science education. Among contributing factors is the lack of resources for science teachers across the United States.

According to a National Science Teachers Association (NSTA) survey of U.S. science teachers, 58 percent of those involved in science education reform efforts report a shortage of science materials, resources and facilities. The NSTA is the largest organization in the world committed to excellence in science teaching and learning.

In response, Orkin, Inc. has launched a national program to provide a resource for teachers and hands-on learning to classrooms nationwide. Teachers can sign up to participate in the Orkin Man School Presentation program in which a local Orkin Man insect expert educates students on the importance of insects to our ecosystem. The school program offers age-appropriate learning for students in kindergarten through 12th grade.

“Children have a natural curiosity for bugs, and our classroom visits teach students through a fun, interactive learning program,” says Dr. Ron Harrison, Orkin entomologist and one of many classroom presenters. “Insects are essential to our environment—they’re only considered pests when they enter our homes or businesses and cause damage to our health or property.”

This program adds excitement to science curricula, with scientific information on insects of every kind and educational materials to supplement science lessons.

**A+**

Katherine Arnold  
Ms. Miller's Class

- 1) Chaco ants locate a food source by communicating their location to other ants by:  
A. Creating frequency waves  
B. Swarming  
C. Leaving some trail of chemical  
D. Traveling back and forth along the colony
- 2) There are \_\_\_\_\_ species of flies in North America.  
A. 1,000  
B. 1,000,000  
C. 16,000  
D. 1,000
- 3) Cockroaches have been around for:  
A. Nearly 1 million years  
B. Approximately 35 million years  
C. About 150 million years  
D. For more than 350 million years
- 4) The size of an ant's antennae can number from:  
A. Approximately 20,000  
B. 25,000 to 100,000  
C. 100,000 to 200,000  
D. 300,000 to 500,000
- 5) The most common pest that the pest control industry faces nationwide is the:  
A. Ant  
B. Bee  
C. Cockroach  
D. Mosquito
- 6) The spiny common type of ant seen in homes in the United States are:  
A. Fire ant  
B. Carpenter ant  
C. Pharaoh ant  
D. Argentine ant
- 7) Which of the following is not a true rat species?  
A. Roof rat  
B. Field rat  
C. Road rat  
D. Norway rat
- 8) The roof rat, approximately 7 to 10 inches long, can squeeze through openings as small as:  
A. 1/4-inch wide  
B. 1/2-inch wide  
C. 1-inch wide  
D. 1 1/2-inch wide
- 9) Which of the following year's powerful legs enable them to jump 1 to 2 inches vertically and 14 to 18 inches horizontally?  
A. Fleas  
B. Ticks  
C. Spiders  
D. Hymenoptera
- 10) Which of the following does not make up one of the four castes in a termite colony?  
A. Workers  
B. Pests  
C. Soldiers  
D. Reproductives
- 11) Termites cause over \_\_\_\_\_ billion in damage each year.  
A. \$1  
B. \$2  
C. \$3  
D. \$4
- 12) Which of the following flying wingless bees are nicknamed "bumble bees" for their round, fuzzy bodies?  
A. Paper wasps  
B. Yellow jackets  
C. Carpenter bees  
D. Honeybees
- 13) The majority of insect stings are caused by:  
A. Honeybees  
B. Paper wasps  
C. Yellow jackets  
D. Humble bees
- 14) \_\_\_\_\_ are the only type of social bee responsible for building hives, which are made of wax.  
A. Honeybees  
B. Paper wasps  
C. Yellow jackets  
D. Humble bees

**Insects can be a great way to spark students' interest in science.**

In addition to school presentations, Orkin supports science education by offering teachers free cross-curricular lesson plans and classroom projects that adhere to National Science Education Standards. Using these resources, teachers can help students understand the classification of living things, research the distinguishing characteristics and habitats of different insects and demonstrate their insect knowledge in a fun, hands-on way.

Says Harrison: “We hope all science teachers will sign up for this outstanding resource and use our online materials, both of which will help teach students the interdependent relationship insects have with humans.”

To sign up for an Orkin Man School Presentation or to download free lesson plans and classroom projects, visit the Learning Center at [www.orkin.com](http://www.orkin.com).